## Refine Search

### Search Results -

Terms	Documents
L8 and hybridization	16

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Database:

L11		Refine Search
Recall Text	Clear	Interrupt

## Search History

DATE: Monday, February 14, 2005 Printable Copy Create Case

Set Name side by side		Hit Count Set Name result set			
DB=EF	PAB,JPAB,DWPI; PLUR=YES;	OP = OR			
<u>L11</u>	18 and hybridization	16	<u>L11</u>		
<u>L10</u>	18 and 16	0	<u>L10</u>		
<u>L9</u>	l4 and L8	0	<u>L9</u>		
<u>L8</u>	wheat and (pearl millet)	692	<u>L8</u>		
<u>L7</u>	11 and L6	0	<u>L7</u>		
<u>L6</u>	wide with hybridization	34	<u>L6</u>		
DB=US	SPT; PLUR=YES; OP=OR				
<u>L5</u>	l3 and L4	13	<u>L5</u>		
<u>L4</u>	hybridization and recombinase	1247	<u>L4</u>		
<u>L3</u>	(broad or wide) and L2	121	<u>L3</u>		
<u>L2</u>	hybridization and L1	144	<u>L2</u>		
<u>L1</u>	pennisetum and wheat	375	<u>L1</u>		

### **END OF SEARCH HISTORY**

## **Hit List**

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 10 of 16 returned.

1. Document ID: AU 2003260790 A1, WO 2004022758 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 16

File: DWPI

Mar 29, 2004

DERWENT-ACC-NO: 2004-248474

DERWENT-WEEK: 200459

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TITLE: Producing nucleic acid library, by digesting sample nucleic acid with restriction enzymes to generate layers of fragments, transforming host cells with

vectors having desired sub-set of layers, and culturing host cells

INVENTOR: ZHU, J

PRIORITY-DATA: 2002GB-0020773 (September 6, 2002), 2002GB-0020649 (September 5,

2002)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 AU 2003260790 A1
 March 29, 2004
 000
 C12N015/66

 WO 2004022758 A1
 March 18, 2004
 E
 045
 C12N015/66

INT-CL (IPC): <u>C12</u> <u>N</u> <u>15/10</u>; <u>C12</u> <u>N</u> <u>15/66</u>; <u>C12</u> <u>Q</u> <u>1/68</u>

Full Title Citation Front Review Classification Date Reference (Company of Claims KWIC Draw, De

☐ 2. Document ID: AU 2001297744 A1, WO 200281623 A2, US 20040003433 A1, EP 1409638 A2

L11: Entry 2 of 16

File: DWPI

Oct 21, 2002

DERWENT-ACC-NO: 2003-058511

DERWENT-WEEK: 200433

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TITLE: Novel cyclin-dependent kinase polynucleotides and their encoded proteins, involved in cell cycle regulation, and useful for altering cell cycle protein content, cell cycle progression, cell number and composition of plants

INVENTOR: DILKES, B R; GORDON-KAMM, W J ; LARKINS, B A ; LOWE, K S ; SUN, Y

PRIORITY-DATA: 2000US-246349P (November 7, 2000), 2001US-0993808 (November 6, 2001)

PATENT-FAMILY:

Record List Display Page 2 of 6

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 2001297744 A1	October 21, 2002		000	C12N000/00
WO 200281623 A2	October 17, 2002	E	069	C12N000/00
US 20040003433 A1	January 1, 2004		000	A01H001/00
EP 1409638 A2	April 21, 2004	E	000	C12N001/00

INT-CL (IPC): A01  $\underline{\text{H}}$   $\underline{\text{1}}/\underline{\text{00}}$ ; C07  $\underline{\text{H}}$   $\underline{\text{21}}/\underline{\text{04}}$ ; C12  $\underline{\text{N}}$   $\underline{\text{0}}/\underline{\text{00}}$ ; C12  $\underline{\text{N}}$   $\underline{\text{1}}/\underline{\text{00}}$ ; C12  $\underline{\text{N}}$   $\underline{\text{5}}/\underline{\text{04}}$ ; C12  $\underline{\text{N}}$   $\underline{\text{9}}/\underline{\text{12}}$ ; C12  $\underline{\text{N}}$   $\underline{\text{15}}/\underline{\text{82}}$ ; C12  $\underline{\text{P}}$  2 $\underline{\text{1}}/\underline{\text{02}}$ ; C12  $\underline{\text{Q}}$   $\underline{\text{1}}/\underline{\text{68}}$ 

Full Title Citation Front Review Classification Date Reference (2005) (2005) (2005) (2005) (2005) (2005)

☐ 3. Document ID: US 20040023282 A1, WO 200200842 A2, AU 200171383 A, US 20020123053 A1, EP 1339868 A2, US 6649347 B2

L11: Entry 3 of 16

File: DWPI

Feb 5, 2004

DERWENT-ACC-NO: 2002-164440

DERWENT-WEEK: 200411

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TITLE: Obtaining a centromere nucleic acid of an organism e.g. Arabidopsis

thaliana, for constructing recombinant constructs, comprises screening methylated

nucleic acid segments from genomic DNA to identify centromere nucleic acid

INVENTOR: COPENHAVER, G; KEITH, K; LUO, S; PREUSS, D

PRIORITY-DATA: 2000US-228793P (June 23, 2000), 2001US-0888220 (June 22, 2001),

2003US-0620924 (July 16, 2003)

#### PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040023282 A1	February 5, 2004		000	C12Q001/68
WO 200200842 A2	January 3, 2002	E	148	C12N000/00
AU 200171383 A	January 8, 2002		000	C12N000/00
US 20020123053 A1	September 5, 2002		000	C12Q001/68
EP 1339868 A2	September 3, 2003	E	000	C12Q001/68
US 6649347 B2	November 18, 2003		000	C12Q001/68

INT-CL (IPC):  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{\text{0}}/\underline{\text{00}}$ ;  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{\text{1}}/\underline{\text{08}}$ ;  $\underline{\text{C12}}$   $\underline{\text{Q}}$   $\underline{\text{1}}/\underline{\text{68}}$ 

Full Title Citation Front Review Classification Date Reference

☐ 4. Document ID: US 20040181824 A1, WO 200181602 A2, AU 200153682 A, US 20020124279 A1, EP 1274848 A2, US 6646182 B2, US 20040068768 A1

L11: Entry 4 of 16

File: DWPI

Sep 16, 2004

DERWENT-ACC-NO: 2002-041415

DERWENT-WEEK: 200461

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TITLE: Novel Zea mays ortholog of mrell polynucleotide useful for modulating the

Record List Display Page 3 of 6

level of mrell expression in a plant cell and for increasing transformation efficiency in plants, regulating DNA recombination and repair

INVENTOR: MAHAJAN, P B

PRIORITY-DATA: 2000US-198570P (April 19, 2000), 2001US-0835654 (April 16, 2001), 2003US-0650108 (August 26, 2003), 2003US-0650109 (August 26, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040181824 A1	September 16, 2004		000	A01H001/00
WO 200181602 A2	November 1, 2001	E	084	C12N015/82
AU 200153682 A	November 7, 2001		000	•
US 20020124279 A1	September 5, 2002		000	C12N015/82
EP 1274848 A2	January 15, 2003	E	000	C12N015/55
<u>US 6646182 B2</u>	November 11, 2003		000	C12N015/82
US 20040068768 A1	April 8, 2004		000	A01H001/00

Full Title Citation Front Review Classification Date Reference (2000) Signification Claims KMC Draw, De

# ☐ 5. Document ID: AU 769117 B, WO 200157201 A2, AU 200129783 A, EP 1263945 A2, MX 2002007431 A1

L11: Entry 5 of 16

File: DWPI

Jan 15, 2004

DERWENT-ACC-NO: 2001-483434

DERWENT-WEEK: 200409

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TITLE: Isolated nucleic acid, useful for modulating expression in maize, soybean, sunflower, sorghum, canola, wheat, alfalfa, cotton rice, barley or millet plants

INVENTOR: BRUCE, W B

PRIORITY-DATA: 2001US-0766112 (January 19, 2001), 2000US-178916P (February 1, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 769117 B	January 15, 2004		000	C12N015/00
WO 200157201 A2	August 9, 2001	E	059	C12N015/00
AU 200129783 A	August 14, 2001		000	C12N015/00
EP 1263945 A2	December 11, 2002	E	000	C12N015/00
MX 2002007431 A1	December 1, 2002		000	C12N015/00

INT-CL (IPC):  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15}/\underline{00}$ 

Full	Title	Citation	Front	Review	Classification		Claims	Draw, De

Record List Display Page 4 of 6

# ☐ 6. Document ID: US 20040034887 A1, WO 200149842 A2, AU 200126333 A, EP 1244788 A2, US 6657107 B1

L11: Entry 6 of 16

File: DWPI

Feb 19, 2004

DERWENT-ACC-NO: 2001-441877

DERWENT-WEEK: 200414

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TITLE: Novel isolated mutM nucleic acid useful for increasing transformation efficiency, increasing frequency of targeted gene modification in situ, and for

increasing frequency of homologous recombination

INVENTOR: MAHAJAN, P B

PRIORITY-DATA: 2000US-174681P (January 6, 2000), 2001US-0755508 (January 5, 2001),

2003US-0637321 (August 8, 2003)

#### PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040034887 A1	February 19, 2004		000	A01H001/00
WO 200149842 A2	July 12, 2001	E	064	C12N015/00
AU 200126333 A	July 16, 2001		000	C12N015/00
EP 1244788 A2	October 2, 2002	E	000	C12N015/29
US 6657107 B1	December 2, 2003		000	A01H001/00

INT-CL (IPC): A01  $\underline{\text{H}}$   $\underline{\text{1/00}}$ ; A01  $\underline{\text{H}}$   $\underline{\text{5/00}}$ ; C07  $\underline{\text{H}}$  21/04; C12  $\underline{\text{N}}$  5/04; C12  $\underline{\text{N}}$  9/24; C12  $\underline{\text{N}}$  15/29; C12  $\underline{\text{N}}$  15/82; C12  $\underline{\text{Q}}$  1/68

Full 1	Title	Citation	Frent	Review	Classification	Date	Reference		Claims	FORME	Draw, De
								_			

# ☐ 7. Document ID: US 20030167530 A1, WO 200142293 A2, AU 200120902 A, US 20020138877 A1, EP 1238083 A2, US 6559355 B2

L11: Entry 7 of 16

File: DWPI

Sep 4, 2003

DERWENT-ACC-NO: 2001-381640

DERWENT-WEEK: 200359

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TITLE: Novel DNA repair enzyme, Rad3 nucleic acids and encoded proteins for

altering Rad3 levels in plants, increasing transformation efficiency and creating

male sterile plants or seedless fruits

INVENTOR: MAHAJAN, P B

PRIORITY-DATA: 1999US-170597P (December 13, 1999), 2000US-0735101 (December 12,

2000), 2003US-0378018 (February 28, 2003)

#### PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030167530 A1	September 4, 2003		000	A01H001/00
WO 200142293 A2	June 14, 2001	E	065	C07K014/00
AU 200120902 A	June 18, 2001		000	C07K014/00

Record List Display Page 5 of 6

US 20020138877 A1	September 26, 2002		000	A01H005/00
EP 1238083 A2	September 11, 2002	E	000	C12N015/29
US 6559355 B2	May 6, 2003		000	A01H001/00

INT-CL (IPC): A01  $\underline{\text{H}}$  1/00; A01  $\underline{\text{H}}$  5/00; C07  $\underline{\text{H}}$  21/04; C07  $\underline{\text{K}}$  14/00; C12  $\underline{\text{N}}$  5/04; C12  $\underline{\text{N}}$  9/24; C12  $\underline{\text{N}}$  15/82; C12  $\underline{\text{N}}$  15/87; C12  $\underline{\text{Q}}$  1/68

□ 8. Document ID: MX 2002004482 A1, WO 200134817 A2, AU 200114652 A, EP 1226260 A2, HU 200203221 A2

L11: Entry 8 of 16

File: DWPI

Oct 1, 2002

Mar 15, 2001

DERWENT-ACC-NO: 2001-335935

DERWENT-WEEK: 200370

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TITLE: Novel genes encoding enzymes for lignin biosynthesis useful for modifying lignin content in sunflower, sorghum,  $\underline{\text{wheat}}$ , cotton, rice, barley and maize plants

and as molecular markers in plant breeding programs

INVENTOR: HELENT JARIS, T G; JARIES, T G H

PRIORITY-DATA: 1999US-0434229 (November 5, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 2002004482 A1	October 1, 2002		000	A01H005/00
WO 200134817 A2	May 17, 2001	E	083	C12N015/82
AU 200114652 A	June 6, 2001		000	C12N015/82
EP 1226260 A2	July 31, 2002	E	000	C12N015/82
HU 200203221 A2	December 28, 2002		000	C12N015/82

INT-CL (IPC): A01 H 5/00; C12 N 5/10; C12 N 9/02; C12 N 9/10; C12 N 15/53; C12 N 15/54; C12 N 15/82

File: DWPI

DERWENT-ACC-NO: 2001-226742

DERWENT-WEEK: 200123

L11: Entry 9 of 16

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TITLE: Novel isolated maize disease resistance polynucleotide useful for increasing resistance in a plant to disease, controlling cell death, and conferring resistance

to herbicides

INVENTOR: SIMMONS, C R

Record List Display Page 6 of 6

PRIORITY-DATA: 1999US-152988P (September 9, 1999)

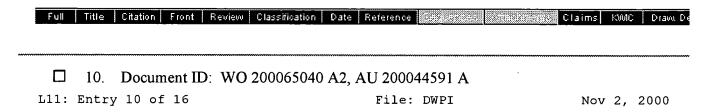
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 PAGES
 MAIN-IPC

 WO 200118061 A2
 March 15, 2001
 E
 090
 C07K019/00

 AU 200071162 A
 April 10, 2001
 000
 C07K019/00

INT-CL (IPC): C07 K 19/00



DERWENT-ACC-NO: 2000-687333

DERWENT-WEEK: 200067

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TITLE: Nucleic acids useful for producing transgenic plants, preferably maize, with increased cell cycle gene activity, preferably activity of cyclin and/or cyclin-

dependent kinase

INVENTOR: HABBEN, J E; HELENTJARIS, T G; SUN, Y

PRIORITY-DATA: 1999US-130849P (April 22, 1999)

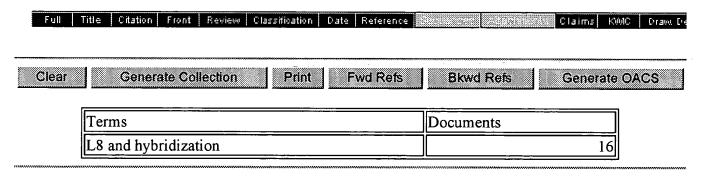
PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 WO 200065040 A2
 November 2, 2000
 E
 122
 C12N015/00

 AU 200044591 A
 November 10, 2000
 000
 C12N015/00

INT-CL (IPC):  $C12 \times 15/00$ 



Display Format: - Change Format

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## Refine Search

### Search Results -

Terms	Documents	
L3 and L4	13	

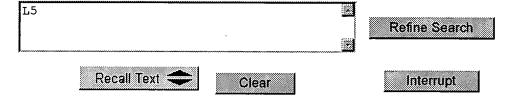
US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

Database:

US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins

Search:



## Search History

DATE: Monday, February 14, 2005 Printable Copy Create Case

Set Name Query side by side		Hit Count	<u>Set Name</u> result set	
•	ISPT; PLUR=YES; OP=OR		result set	
<u>L5</u>	13 and L4	13	<u>L5</u>	
<u>L4</u>	hybridization and recombinase	1247	<u>L4</u>	
<u>L3</u>	(broad or wide) and L2	121	<u>L3</u>	
<u>L2</u>	hybridization and L1	144	<u>L2</u>	
L1	pennisetum and wheat	375	L1	

**END OF SEARCH HISTORY** 

## **Hit List**

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 11 through 13 of 13 returned.

☐ 11. Document ID: US 6388169 B1

L5: Entry 11 of 13

File: USPT

May 14, 2002

US-PAT-NO: 6388169

DOCUMENT-IDENTIFIER: US 6388169 B1

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Maize orthologues of bacterial RecA proteins

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Mahajan; Pramod B. Urbandale IA

Shi; Jinrui Johnston IA
Baszczynski; Christopher Urbandale IA
McElver; John Durham NC

Bowen; Benjamin Hayward CA

Full Title Citation Front Review Classification Date Reference (2007) (1008) (1007) (1007) (1007) (1007) (1007)

☐ 12. Document ID: US 6380372 B1

L5: Entry 12 of 13

File: USPT

Apr 30, 2002

US-PAT-NO: 6380372

DOCUMENT-IDENTIFIER: US 6380372 B1

TITLE: Barley gene for Thioredoxin and NADP-thioredoxin reductase

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Cho; Myeong-Je Alameda CA del Val; Gregorio El Cerrito CA

Caillau; Maxime Verdun sur Garonne FR

Lemaux; Peggy G.

Moraga

CA

Buchanan; Bob B.

Berkeley

CA

US-CL-CURRENT: 536/23.1; 435/183, 435/252.1, 435/320.1, 435/410, 435/69.1, 530/412,

<u>800/278</u>, <u>800/295</u>, <u>800/298</u>

Full Title Citation Front Review Classification Date Reference (2008-2018) Stitution Claims (AMC Draw, De

☐ 13. Document ID: US 6107545 A

L5: Entry 13 of 13

File: USPT

Aug 22, 2000

US-PAT-NO: 6107545

DOCUMENT-IDENTIFIER: US 6107545 A

TITLE: Maize RAD6 genes and uses thereof

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE CO

COUNTRY

Mahajan; Pramod B.

Urbandale

ΙA

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/431, 435/468, 435/69.1, 435/69.2, 536/23.1, 536/23.2, 536/23.6, 536/24.1, 536/24.5, 800/286, 800/306, 800/312, 800/314, 800/320, 800/320.1, 800/320.2, 800/320.3, 800/320

Date Reference (2000-2010-000) (2010-2010-2010-000) Claims KMC Draw D.
Fwd Refs
Documents
12

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